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 SINCE FILE
 TOTAL

 ENTRY
 SESSION

 FULL ESTIMATED COST
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 0.69

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L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

Structure attributes must be viewed using STN Express query preparation.

=> s 11 full FULL SEARCH INITIATED 14:13:54 FILE 'CASREACT' SCREENING COMPLETE - 12038 REACTIONS TO VER

12038 REACTIONS TO VERIFY FROM 461 DOCUMENTS

L2 23 SEA SSS FUL L1 (133 REACTIONS)

=> d 1-23

L2 ANSWER 1 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

(step 1)

REF: Journal of Organic Chemistry, 70(18), 7267-7272; 2005 CON: STAGE(1) 2 hours, room temperature STAGE(2) 24 hours, room temperature

L2 ANSWER 2 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

REF: Heterocycles, 64,, 333-345; 2004 CON: STAGE(1) 1 hour, room temperature STAGE(2) 23 hours, room temperature

L2 ANSWER 3 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

Na

REF: PCT Int. Appl., 2004096788, 11 Nov 2004

NOTE: 1) first stage Dean Stark app.

CON: STEP(1.1) room temperature STEP(1.2) 2.5 hours, room temperature; 4 hours, room temperature

STEP(2.1) room temperature STEP(2.2) 30 minutes, room temperature; 12 hours,

2.2. PhMe

room temperature

ANSWER 4 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(38) OF 521 - REACTION DIAGRAM NOT AVAILABLE

L2 ANSWER 5 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

 Me3SiCH:N2. Benzene, MeOH, Hexane 2. AcOH, Water

REF: Tetrahedron, 60(21), 4693-4704; 2004
CON: STAGE(1) 45 minutes, room temperature
STAGE(2) room temperature

ANSWER 6 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

REF: Tetrahedron Letters, 45(11), 2439-2441; 2004

ANSWER 7 OF 23 CASREACT COPYRIGHT 2008 ACS on STN L2

16/06/2008 TOh

REF: Journal of the American Chemical Society, 124(43), 12806-12815; 2002 CON: STASE(1) 2 hours, 0 deg C; 13 hours, room temperature STAGE(2) pH 4

L2 ANSWER 8 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

1. 4-DMAP, Et3N, PhMe_

REF: Heterocycles, 46,, 105-110; 1997 NOTE: key step

L2 ANSWER 9 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(10) OF 66

REF: Journal of Organic Chemistry, 60(17), 5532-6; 1995

L2 ANSWER 10 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(39) OF 654

REF: Journal of the American Chemical Society, 116(25), 11287-314; 1994

L2 ANSWER 11 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(29) OF 229 - 2 STEPS

REF: Journal of the American Chemical Society, 113(3), 910-23; 1991 NOTE: 1) 2nd step thermal

L2 ANSWER 12 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

4-DMAP, R:84033-23-8, > PhMe

RX(13) OF 306

REF: Heterocycles, 31(1), 5-8; 1990

L2 ANSWER 13 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

REF: Bulletin of the Chemical Society of Japan, 62(8), 2618-35; 1989

L2 ANSWER 14 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(18) OF 319

RX(18) OF 319

13.0

REF: Chemical & Pharmaceutical Bulletin, 37(5), 1167-72; 1989

L2 ANSWER 15 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(10) OF 179

RX(10) OF 179

Ozone, MeOH, CH2C12

RX(10) OF 179

RX(10) OF 179

REF: Journal of the American Chemical Society, 110(14), 4660-72; 1988

L2 ANSWER 16 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(35) OF 552

 $\frac{1. \text{ BuLi, THF}}{2. \text{ THF}}$

RX(35) OF 552

RX(35) OF 552

REF: Journal of the American Chemical Society, 110(14), 4685-96; 1988 NOTE: 62% overall

L2 ANSWER 17 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(32) OF 451

RX(32) OF 451

REF: Tetrahedron Letters, 28(39), 4569-72; 1987

- L2 ANSWER 18 OF 23 CASREACT COPYRIGHT 2008 ACS on STN RX(47) OF 265 REACTION DIAGRAM NOT AVAILABLE
- L2 ANSWER 19 OF 23 CASREACT COPYRIGHT 2008 ACS on STN RX(17) OF 258 REACTION DIAGRAM NOT AVAILABLE
- L2 ANSWER 20 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

1. BuLi, THF

REF: Journal of the American Chemical Society, 109(7), 2208-10; 1987 NOTE: 62% OVERALL

L2 ANSWER 21 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

REF: Tetrahedron Letters, 27(16), 1815-18; 1986

L2 ANSWER 22 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(12) OF 395

stereoisomers

REF: Journal of the Chemical Society, Chemical Communications, (5), $413{-}16;\ 1986$

L2 ANSWER 23 OF 23 CASREACT COPYRIGHT 2008 ACS on STN

RX(36) OF 459

REF: Journal of Organic Chemistry, 50(12), 2095-105; 1985